

**Request to Archive
With The National Centers for Environmental Information
For Land Surface Bundle CDR
Provided by UMD**

2013-05-21

This information will be used by NCEI to conduct an appraisal and make a decision on the request.

1. Who is the primary point of contact for this request?

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2. Name the organization or group responsible for creating the dataset.

NASA GSFC code 619 and University of Maryland Department of Geographical Sciences

3. Provide an overview summarizing the scope of data you want to archive. Describe the outputs, data variables, including their measurement resolution and coverage.

The daily reflectance, NDVI and quality flags, global coverage, pixel size is 0.05deg (latitude) x 0.05deg (longitude). The quality flags include a cloud mask (cloud shadow under development) and several flag indicating exclusion conditions (such as water, high solar zenith angle, etc...).

4. What is the time period covered by the dataset? (YYYY-MM-DD, YYYY-MM or YYYY)

From 1981
Ongoing as continuous updates to the data record

5. Edition or version number(s) of the dataset:

version 3

6. Describe the level to which the data are processed. For example, are these unprocessed raw observations, derived parameters, quality controlled or inter-calibrated data, etc.?

Level 3 quality controlled derived parameters.

7. Approximate date when the dataset was or will be released to the public:

2014

8. Who are the expected users of the archived data? How will the archived data be used?

Land applications community

9. Has the dataset undergone user evaluation and/or an independent review process? Did NCEI participate in design reviews?

Operational QA

10. Describe the dataset's relationship to other archived datasets, such as earlier versions or related source data. If this is a new version, how does it improve upon the previous version(s)?

11. List the input datasets and ancillary information used to produce the data.

Level 1 raw data from AVHRR. NCEP REANALYSIS, Ozone products (TOMS EP-TOMS) are used as ancillary.

12. List web pages and other links that provide information on the data.

CF-convention compliant metadata (NetCDF format)

13. List the kinds of documents, metadata and code that are available for archiving. For example, data format specifications, user guides, algorithm documentation, metadata compliant with a standard such as ISO 19115, source code, platform/instrument metadata, data/process flow diagrams, etc.

1. documentations is available from <http://ltdr.nascom.nasa.gov/>

14. Indicate the data file format(s).

1. netCDF-4

15. Are the data files compressed?

No

16. Provide details on how the files are named and how they are organized (e.g., file_name_pattern_YYYYMM.tar in monthly aggregations).

Surface reflectance: AVH09C1.AYYYYYJJJ.Nss.vvv.[productiondatetime].nc

YYYY year of acquisition JJJ julian day of acquisition, ss NOAA mission (07,09,11,14,16,17,18), vvvv version

NDVI: AVH13C1.AYYYYYJJJ.Nss.vvv.[productiondatetime].nc

YYYY year of acquisition JJJ julian day of acquisition, ss NOAA mission (07,09,11,14,16,17,18), vvvv version

17. Explain how to access sample data files and/or a file listing for previewing. If it is not available now, when will it be available?

<ftp://ltdr.nascom.nasa.gov/allData/Ver3/>

18. What is the total data volume to be submitted?

Historic Data: all historic data or data submitted as a completed collection.

Total Data Volume: 2.3TB

Number of Data Files: 12053

Continuous Data: data volume rate for a continuous data production.

Total Data Volume Rate: 200MB per Day

Data File Frequency: 2 per Day

Data Production Start: 2014-04-1

19. Are later updates, revisions or replacement files anticipated? If so, explain the conditions for submitting these additional data to the archive.

Algorithms improvements (minors, no changes to format etc...)

20. Describe the server that will connect to the ingest server at NCEI for submitting the data.

Physical Location: NASA Goddard Space Flight Center
System Name: ldr.nascom.nasa.gov
System Owner: NASA/GSFC Code 618
Additional Information:

21. What are the possible methods for submitting the data to NCEI? Select all that apply.

- 1. FTP PULL
- 2. FTP PUSH

22. Identify how you would like NCEI to distribute the data. Web access support depends on the resources available for the dataset.

- 1. Unknown

23. Will there be any distribution, usage, or other restrictions that apply to the data in the archive?

No known constraints apply to the data.

24. Discuss the rationale for archiving the dataset and the anticipated benefits. Mention any risks associated with not archiving the dataset at NCEI.

These datasets are used in a number of applications of societal benefits including vegetation monitoring (droughts) and agriculture yield forecasting.

25. Are the data archived at another facility or are there plans to do so? Please explain.

No

26. Is there an existing agreement or requirement driving this request to archive? Have you already contacted someone at NCEI?

No

27. Do you have a data management plan for your data?

No

28. Have funds been allocated to archive the data at NCEI?

No

29. Identify the affiliated research project, its sponsor, and any project/grant ID as applicable.

30. Is there a desired deadline for NCEI to archive and provide access to the data?

Archive by: 2013-12-30

Accessible by:

31. Add any other pertinent information for this request.

None